

Converting Colors

Hex(FF70FF)

Have a look what the booklet for
Hex(FF70FF) contains.

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Color

Hex(F770FF)

Conversions

Conversions Part 1

Format	Color
Hex	FF70FF
RGB	255, 112, 255
RGB Percent	100%, 44%, 100%
CMY	0.0000, 0.5608, 0.0000
CMYK	0.00, 0.56, 0.00, 0.00
HSL	300°, 100%, 72%
HSV	300°, 56%, 100%
XYZ	65.0842, 40.0683, 98.9114
YIQ	171.0590, 39.3250, 74.7890

Conversions

Conversions Part 2

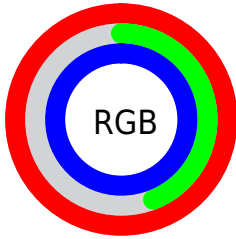
Format	Color
R _Y B	255, 112, 255
Decimal	16740607
CIE Lab	69.52, 72.09, -46.25
CIE LCh	70, 85.655, 327.317
Yxy	40.0683, 0.3189, 0.1964
Android (android.graphics.Color)	4294930687 (0xFFFF70FF)
YUV	171.0590, 41.3829, 73.6163
Hunter-Lab	63.2996, 72.7582, -48.3364

Details

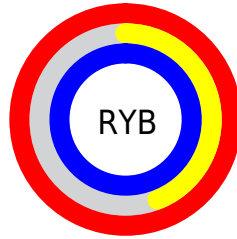
The Hex color **FF70FF** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **70FF70**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **FFAAFF**, and **C333C6** is the 20% darker color. If you saturate the color by 10%, you get **FF57FF**, and if you desaturate by 10%, it is **FF8AFF**.

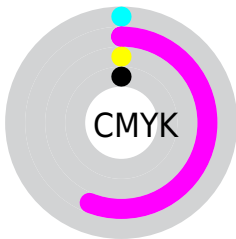
Distribution



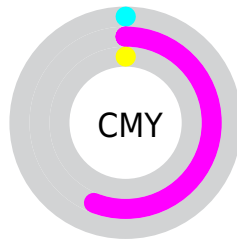
- Red (100%)
- Green (44%)
- Blue (100%)



- Red (100%)
- Yellow (44%)
- Blue (100%)



- Cyan (0%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color FF70FF changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color FF70FF by changing the saturation by 10% instead.

 FF70FF

 FF70FF

FFFFFF

 E153E2

 FFAAFF

 C333C6

 FFC7FF

 A600AA

 FFE5FF

 89008F

 6D0075

 51005C

 380044

 19002C

 000116

 FF70FF

 FF70FF

 FF57FF

 FF8AFF

 FF3DFF

 FFA3FF

 FF23FF

 FFBDFD

 FF0AFF

 FFD6FF

 FF00FF

 FFF0FF

 FFFFFFFF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9598FF



FF70FF



FF50B4

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



FF70FF



D2A400



00CCEF

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



FF70FF



70FF70

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00CCA0



FF70FF



86BA00

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



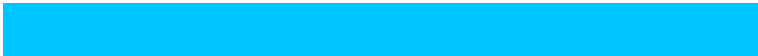
FF70FF



FF831A



00C64F



00C6FF

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



FF70FF



FF5481



00C64F



00CCD6

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



FF70FF



FFD4FF



7070FF



806680



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



FF70FF



FF54FF



FF70B8



807380



BF00BF



400040

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



FF70FF



FF54FF



70FFB8



807380



BF00BF



400040

Previews

White Background



This preview shows how the Hex color FF70FF looks on a white background.

Color Contrast Check

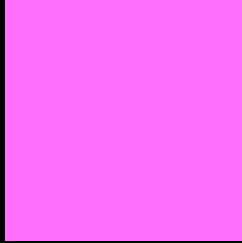
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color FF70FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

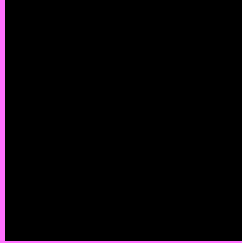
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex FF70FF Background



This preview shows how black text looks on a background with the Hex color FF70FF.

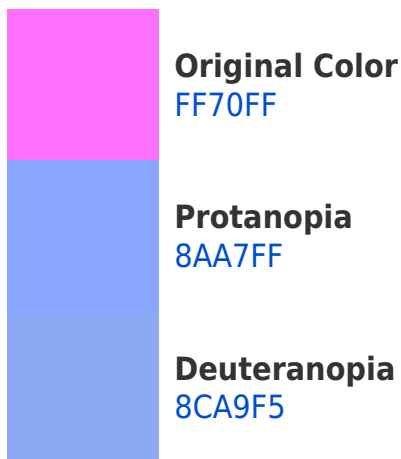


This preview shows how white text looks on a background with the Hex color FF70FF.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

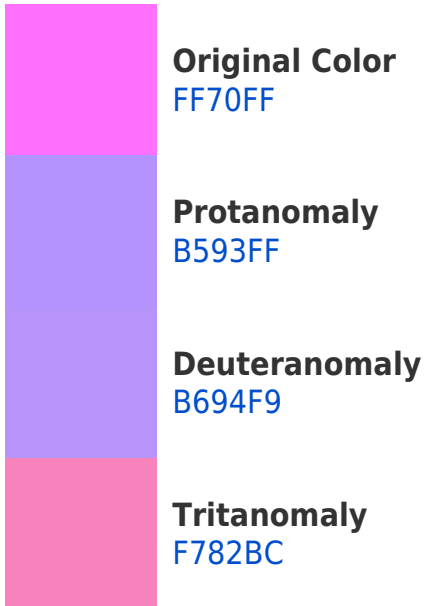
Dichromacy



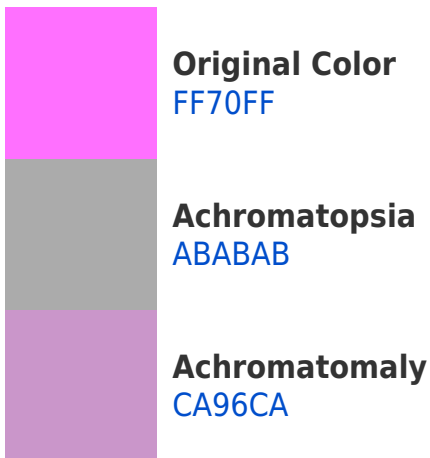


Tritanopia
F28C96

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex FF70FF is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #FF70FF looks like.

```
.text, #text, p{  
    color:#FF70FF  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #FF70FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #FF70FF  
}
```

Border

The CSS property to change the border of an element to Hex FF70FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#FF70FF }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#FF70FF }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #FF70FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #FF70FF; -webkit-box-shadow:4px 4px  
4px 4px #FF70FF; box-shadow:4px 4px 4px  
4px #FF70FF }
```

Background

The CSS property to change the background color of an element to Hex FF70FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#FF70FF }
```

If only the background color should be changed can be used:

```
.background{ background-color:#FF70FF }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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